



**Major: PHYSICAL SCIENCE**  
**Concentration: CHEMISTRY (PHCH)**  
**B.S. Degree**

Suggested Course Schedule

2012-13 Degree Requirements

Revised 3/12

YEAR	FALL	SPRING
<b>FRESHMAN</b>	_____ BBST 103/105 Bible Interp & Spir Form / Found Christian Thought .....3 _____ CHEM 105 General Chemistry I with Lab .....4 _____ MATH 105 Calculus I.....4 _____ ENGL 100 or 112 Critical Thinking & Writing I.....3 _____ P.E. Activity .....1 _____ GNST 102 First Year Seminar (does <u>not</u> count toward graduation) .....1 16	_____ BBST 103/105 Bible Interp & Spir Form / Found Christian Thought ..... 3 _____ CHEM 106 General Chemistry II with Lab ..... 4 _____ MATH 106 Calculus II..... 4 _____ PHSC 124 Data Analysis & Presentation ..... 1 _____ ENGL 113 Critical Thinking & Writing II..... 3 _____ P.E. Activity .....1 16
<b>SOPHOMORE</b>	_____ BBST 109 Old Testament History & Literature .....3 _____ CHEM 301 Organic Chemistry I.....3 _____ CHEM 311 Laboratory in Organic Chemistry.....1 _____ PHSC 132/134 General Physics I with Lab .....4 _____ HIST 207 or 208 World Civilizations.....3 _____ P.E. Activity .....1 15	_____ BBST 110 New Testament History & Literature ..... 3 _____ CHEM 302 Organic Chemistry II..... 3 _____ CHEM 312 Laboratory in Organic Chemistry ..... 1 _____ PHSC 233/237 General Physics II with Lab ..... 4 _____ Fine Arts (See list on reverse side)..... 3 _____ Philosophy PHIL 210, 211, 212, 213, 214, 215, 216.....3 _____ Writing Competency Requirement .....0 17
<b>JUNIOR</b>	_____ BBST 251 Theology I.....3 _____ CHEM 402 Physical Chemistry .....3 _____ PHSC 234 General Physics III with Lab.....4 _____ HIST 108 or 109 U.S. History or POSC 225 American Government.....3 _____ Literature ENGL 220, 230, 251, 252, 253, 281, 282, 283, 290.....3 _____ P.E. Activity .....1 17	_____ BBST 254 Theology II..... 3 _____ BBST 306 Early Christian History – Acts ..... 3 _____ Chemistry, Math or Physics Elective* ..... 4 _____ Chemistry, Math or Physics Elective (Upper Division)* ..... 3 _____ Behavioral Sci ANTH 200, PSYC 200, SOCI 220 or 362 ..... 3 _____ General Elective .....2 18 _____ Graduation Petition due in the Registrar's Office
<b>SENIOR</b>	_____ BBST 300/400 Bible Elective.....3 _____ CHEM 350 Analytical Chemistry with Lab .....5 _____ Chemistry, Math or Physics Elective (Upper Division)* .....3 _____ Foreign Language / General Elective** .....4 15	_____ BBST 300/400 Bible Elective ..... 3 _____ BBST 465 Integration Seminar – Christianity & the Natural Sciences 3 _____ Chemistry, Math or Physics Elective (Upper Division)* ..... 4 _____ PHSC 460 Physical Science Seminar ..... 1 _____ Communication COMM 100, 270, 181, 280.....3 _____ General Elective .....3 17

\*Chemistry, Math or Physics electives (total 14 credits, of which 9 credits must be upper division). See catalog for electives in area of specialization. Three credits of Computer Science may be used toward the 14 credits of electives.

\*\*If two years of the same foreign language was not taken in high school, four credits at college level will be required for graduation.

**NOTE:** This degree requirement sheet is designed with your major department and is one way that the classes will work out properly in sequence for your major. However, there are alternative flexible ways to rotate some of the classes within the same year/level and sometimes between year levels. Please contact your major department advisor to discuss flexible alternatives in scheduling the sequence of your classes.